

ABSTRACT OF THE DISCLOSURE

In a system for wireless communication having a region for asynchronous information transmission and a region for information transmission using channel time allocation, data is stored in a buffer for data transmission, and information transmission is performed initially via asynchronous communication and then, if the amount of data stored in the buffer exceeds a predetermined value, via channel time allocation communication. The predetermined value is obtained by dividing the overall bandwidth of the asynchronous communication region by the number of wireless communication stations forming a network. If there is no data stored in the buffer during channel time allocation communication, the allocated channel time is released.